FIIG T158
Reprint Date: November 6, 2009

FEDERAL ITEM IDENTIFICATION GUIDE

AGENTS

This Reprint replaces FIIG T158, dated October 5, 2007.

Commander

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PUBLISHED BY DEFENSE LOGISTICS INFORMATION SERVICE, BATTLE CREEK, MI

This Federal Item Identification Guide for Supply Cataloging is issued under the authority of Department of Defense Instruction 5025.7.

The use of this publication is mandatory for US. Federal Activities participating in Federal Catalog System Operations.

BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

Contents

GENERAL INFORMATION

1. Purpose and Scope

This Federal Item Identification Guide (FIIG) is a self-contained document for the collection, coding, transmittal, and retrieval of item characteristics and related supply management data for an item of supply for logistical use. This FIIG is to be used to describe items of supply identified by the index of approved item names appearing in this section.

2. Contents

This FIIG is comprised of the following:

Index of Approved Item Names Covered by this FIIG
Applicability Key Index
Section I - Item Characteristics Data Requirements
Section III - New text that should be here.
Appendix A - Reply Tables
Appendix B - Reference Drawing Groups (as applicable)
Appendix C - Technical Data Tables (as applicable)

a. Index of Approved Item Names Covered by this FIIG:

The index lists the approved item names with definitions and item name codes as they appear in Cataloging Handbook H6, applicable to this FIIG. In addition, each name entry is assigned an applicability key for use in relating the characteristics requirements in Section I to the specific item name.

b. Applicability Key Index:

The purpose of this index is to provide the user with a ready reference for determining the specific requirements which are applicable to a given approved item name. This index lists all requirements in sequence as they appear in the FIIG. The applicability of a Master Requirement Coded requirement is indicated by the column headed by the specific item name applicability key as follows:

(1) The letter "X" indicates the requirement must be answered for a full descriptive item.

(2) The letters "AR" indicate the requirement is to be answered as required by (1) instructional notes within the FIIG; (2) when the reply is predicated on replies to a related main requirement; or (3) when an asterisk (*) is used in conjunction with the applicability key column in Section I.

(3) A blank in the column indicates the requirement is not applicable to the specific item name.

c. Section I - Item Characteristics Data Requirements:

This section contains the physical and performance characteristics requirements needed to describe and identify an item of supply. These characteristics differentiate one item from all other items of supply and are to be used to meet the needs of all supported functions. This section is arranged in columns. Identification of each column and instructions pertinent thereto are as follows:

(1) Applicability Key:

The first column shows the applicability key(s) for each requirement. It indicates whether the requirement need be satisfied for the item being identified. "ALL" indicates that the requirement must be answered for all items covered by the FIIG. One or more alphabetic character(s) or group of one or more alphabetic characters indicates a response is required when describing items with an approved item name or names represented by the key(s). An asterisk (*) used in conjunction with any applicability key indicates that the characteristic stated in the requirement may not be applicable to all items covered by the FIIG.

(2) Master Requirement Codes (MRC):

A four-position code which is assigned to a FIIG requirement for identification of the requirement, cross-referencing requirements in the various sections and appendices of the FIIG, and for mechanized processing and retrieval of FIIG generated data. Absence of a MRC for a requirement indicates a lead-in to requirements with individual MRCs in Appendix B.

(a) The coding technique for providing MULTIPLE/OPTIONAL responses will not be used for a Section I requirement assigned Mode Code A or L that leads to Appendix B sketches with dimensional requirements.

(b) Identified Secondary Address Coding:

This technique is for extending the Master Requirement Code so that a unique address is provided for each application of the requirement in relation to the item and is authorized only as instructed within the requirement. Responses coded through this technique will always consist of the following: (1) Master Requirement Codes, (2) indicator code (a single numeric character determined by the number of positions contained), (3) identified secondary address code (1 to 3-digit alphabetic codes determined by the number of predicted replies), (4) the mode code, (5) the reply code and/or clear text response, and (6) end with a record separator (*). Steps (1) through (6) are repeated for each application of the requirement.

(c) AND/OR coding:

A technique for extending the Master Requirement Code to provide a distinctive address for multiple responses to the same requirement. Responses coded through this technique will always consist of (1) Master Requirement Code, (2) mode code, (3) the response or reply code (as instructed by the requirement), (4) a single dollar sign ($) for an OR condition, or a double dollar sign ($$) for an AND condition, (5) the mode code, (6) the response or reply code

(followed by conditions (4) through (6) for each of the multiple responses) and (7) end with a record separator (*). NOTE: Apply this technique only when instructed by the requirement sample reply (e.g.).

(3) Mode Code:

A one-position alphabetic code that specifies the manner in which a response will be prepared. Each requirement assigned a MRC is also assigned a mode code. Sample replies follow each FIIG requirement displaying the proper construction of a response for the assigned mode code. The response to a requirement will always be prepared in accordance with the assigned mode code and sample reply except in the following instances:

(a) Use of E Mode Code replies is not authorized. If a reply needed to describe an item is not listed in the applicable table, contact the FIIG Initiator.

(b) Mode Code K may not be used for any requirement unless instructed by the requirement instructions.

(4) Requirement:

This portion includes the characteristics data elements and data use identifiers required to identify and differentiate one item of supply from another, narrative definitions, and explanations as to use and method of expression. Instructions for coding and preparing replies are also provided.

(5) Reply Code:

A code that represents an established authorized reply to a requirement.

d. Section III - Supplementary Technical and Supply Management Data:

This section includes those characteristics requirements necessary to support specific logistics functions other than National Stock Number assignment.

e. Appendix A - Reply Tables:

Tables of authorized replies to requirements and reply codes when the tables are too lengthy for inclusion in Section I/III, when applicable.

f. Appendix B - Reference Drawings:

This appendix contains representative illustrations which portray specific variations of one or more generic characteristics. If reference drawings contain requirements pages to be used in conjunction with illustrations for dimensioning purposes, the requirements pages will contain Master Requirement Codes, mode codes, and a statement of the requirement. A response to requirements on a requirements page is necessary only for those Master Requirement Codes applicable to the illustration selected.

g. Appendix C - Technical Data Tables:

This appendix contains conversion charts and similar data pertinent to the requirements in Section I/III, when applicable.

3. Enter administrative MRC CLQL immediately following the last FIIG requirement reply, as instructed below:

MRC	Mode Code	Requirement	Example
CLQL	G	COLLOQUIAL NAME (common usage name by which an item is known)	CLQLGWOVEN WIRE CLOTH*

4. Special Instructions and Indicator Definitions

a. Measurements:

Unless otherwise indicated within a requirement example, enter all measurements in decimal form, carried to the nearest three decimal places, with a minimum of one digit preceding the decimal. For SI (metric), enter all measurements with a minimum of one digit before and after the decimal. For fraction to decimal conversion, see Appendix C.

b. Indicators:

A cross hatch (#) following an AIN, MRC, Reply Code or Drawing Number indicates for "ALL EXCEPT USA" use only.

5. Indexes

a. Index of Data Requirements

This index is arranged in alphabetic sequence by Master Requirement Code, cross-referenced to the applicable data requirement and page number(s).

b. Index of Approved Item Names

This index is arranged in alphabetic sequence referenced to Applicability Key.

c. Applicability Key Index

This index is arranged in Applicability Key Sequence.

6. Maintenance

Requests for revisions and other changes will be directed to:

[Page Break]

MRC Index

INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG

Approved Item Name	INC	App Key
CANISTER, CHEMICAL PROJECTILE	32041	HA

An item consisting of a cylindrical metal container with a rupture disk. It may have a polyethylene liner. It is designed for a chemical fill and is hermetically sealed.

CANISTER, INCAPACITATING AGENT, ERRATIC DISPERSION	30367	HA

An INCAPACITATING AGENT and pyrotechnic mixture encased in a cylindrical container. When ignited, the INCAPACITATING AGENT is disseminated and the canister is propelled along the ground in an erratic path and may become airborne.

CANISTER, INCAPACITATING AGENT, ERRATIC DISPERSION	30367	HA

An INCAPACITATING AGENT and pyrotechnic mixture encased in a cylindrical container. When ignited, the INCAPACITATING AGENT is disseminated and the canister is propelled along the ground in an erratic path and may become airborne.

CANISTER, MINE	61848	HA

A double walled, cylindrically shaped item containing mines. It is hermetically sealed.

CANISTER, MINE, PRACTICE	61860	HA

An item conforming to the configuration of a CANISTER, MINE. It may be a modification of a tactical item or be designed specifically for practice. It may contain an explosive.

CANISTER, MINE, TRAINING	61861	HA

An item conforming to the configuration of a CANISTER, MINE, required in training operations, such as assembly, testing and handling. It will not contain an explosive.

CANISTER, SMOKE	20805	HA

A chemical fill encased in ogival or cylindrical containers for loading into projectiles of chemical shells. When ignited, a colored or white smoke is produced.

CAPSULE, RIOT CONTROL AGENT	41515	DA

A small tubular case with a RIOT CONTROL AGENT main charge. Excludes PELLET, RIOT CONTROL AGENT; CHARGE, RIOT CONTROL AGENT.

Approved Item Name	INC	App Key
CHARGE, RIOT CONTROL AGENT	41516	DA

An item with a RIOT CONTROL AGENT main charge. Excludes GRENADE (as modified); CAPSULE, RIOT CONTROL AGENT; PELLET, RIOT CONTROL AGENT.

CHARGE, SMOKE	41514	DA

An item with a SMOKE AGENT main charge. Excludes GRENADE (as modified); MINE (as modified); SMOKE POT; CHARGE, SPOTTING.

CHEMICAL AGENT	30361	JA

A solid, liquid, or gaseous chemical item which is lethal or highly toxic to man or animal. It is designed for conducting defensive and/or offensive warfare.

CHEMICAL AGENT, SIMULANT	05597	JA

A nontoxic item having the appearance, odor, density, and/or other characteristics of a CHEMICAL AGENT. It is used in lieu of a CHEMICAL AGENT for demonstrations or tests.

DECONTAMINATING AGENT	05613	JA

See also DANC SOLUTION UNIT.

DECOY, INFRARED, COUNTERMEASURE	66810	AA

A pyrophoric item made from an air activated material designed to produce an infrared output.

DECOY, INFRARED, COUNTERMEASURE, DUMMY	67585	AA

A completely inert version of a DECOY, INFRARED, COUNTERMEASURE.

DECOY TARGET, AIRCRAFT	34659	AA

An item primarily designed to be discharged from a dispenser. It contains a charge which produces a decoy target specifically designed to provide characteristics for leading a missile from the intended target.

DECOY TARGET, AIRCRAFT, PRACTICE	35889	AA

A pyrotechnic item used to simulate a decoy target for training purposes. It is designed to produce a cloud of smoke after ejection from the aircraft.

DETECTING CELL, CHEMICAL AGENT	50100	JA

A radioactive item which is exposed to the atmosphere and reacts in the presence of chemical agents.

DETECTOR, CHEMICAL AGENT	05614	JA

A chemical used to detect military casualty producing agents.

Approved Item Name	INC	App Key
DETECTOR, CHEMICAL AGENT, AUTOMATIC	53563	JA

A device that automatically detects, identifies, records and reports the class of chemical warfare agent and/or toxic industrial chemicals. It is portable, small and of rugged construction, for individual use. It may be hand held. Excludes DETECTOR, CHEMICAL AGENT; ALARM, CHEMICAL AGENT, AUTOMATIC.

DISPENSER AND BOMB, AIRCRAFT	22805	GA

An item consisting of a DISPENSER, BOMB containing two or more BOMB (as modified). It is designed to be externally mounted but not permanently fixed on a high speed aircraft to carry and eject small bombs. For items not including the bombs, see DISPENSER, BOMB. Excludes RACK, BOMB EJECTOR, AIRCRAFT and SHACKLE, BOMB, AIRCRAFT.

DISPENSER AND BOMB, DUMMY, AIRCRAFT	67451	GA

An inert item that simulates a functional DISPENSER AND BOMB, AIRCRAFT. It is used for display purposes, testing, and operations (assembly, loading, handling, and dry-run operations).

DISPENSER AND BOMB, TRAINING, AIRCRAFT	67452	GA

An item that simulates a functional DISPENSER AND BOMB, AIRCRAFT and contains some type of explosive, burning, or smoke producing element for ground impact marking, or other training purposes in association with firing, flying, prepositioning, and dropping operations.

DISPENSER AND CHEMICAL AGENT, TRAINING	35526	GA

A dispenser containing a chemical agent designed to train personnel in chemical warfare defense. It will simulate a ground attack with a non-persistant toxic chemical agent.

DISPENSER AND DESTRUCTIVE CHEMICAL AGENT	61670	GA

An item consisting of a manually operated dispenser containing a chemical reactant. It is designed for the destruction of material.

DISPENSER AND GRENADE, AIRCRAFT #	36342	GA

An item consisting of a grenade dispenser containing two or more grenades. It is designed to be externally mounted but not permanently fixed on aircraft to carry and dispense grenades. For items not including the grenades, see DISPENSER, GRENADE.

Approved Item Name	INC	App Key
DISPENSER AND MINE, AIRCRAFT	62021	GA

An item consisting of a mine dispenser containing two or more mines. It is designed to be externally mounted but not permanently fixed on aircraft to carry and dispense mines. For items not including the mine, see DISPENSER, MINE.

DISPENSER AND MINE-GRENADE, AIRCRAFT #	35365	GA

An item consisting of a mine-grenade dispenser containing two or more MINE (as modified) and GRENADE (as modified). It is designed to be externally mounted but not permanently fixed on a high speed aircraft to carry and dispense mines and grenades. For items not including mines and grenades see DISPENSER, GENERAL PURPOSE, AIRCRAFT.

DISPENSER AND MINE, GROUND	32713	GA

An item consisting of a mine dispenser containing two or more mines. It is designed to be operated on the ground to eject antitank, antivehicle and antipersonnel mines into a perimeter defense mine field. The ejection charge in the dispenser can be initiated electronically or electrically.

DISPENSER AND MINE, GROUND TRAINING	33583	GA

An item specifically designed to develop skill in the operation of the dispenser and the laying of antitank, antivehicle, and antiperson mines into a perimeter defense mine field.

DISPENSER AND RIOT CONTROL AGENT, MANUALLY CARRIED	62130	JA

An item consisting of a riot control agent in a pressurized can disperser with a pushbutton actuator or in a pressurized cylinder disperser with a hand-grip actuator for expelling its contents. It is designed to be hand-held while being used for mob dispersal, riot control, and restraint of hostile personnel, and the like.

DISPERSER AND RIOT CONTROL AGENT, MANUALLY CARRIED, SIMULANT	67230	JA

An item having the appearance and characteristics of a DISPERSER AND RIOT CONTROL AGENT, without producing the effects. It is used in lieu of a DISPERSER AND RIOT CONTROL AGENT for demonstrations or tests.

DUMMY FLARE, AIRCRAFT	35206	AA

An inert item having the appearance of a FLARE (1), AIRCRAFT without containing internal functioning components.

DUMMY FLARE, RIFLE FIRED	51303	AB

An item which contains all functioning parts of a flare without the illuminant filler. It is fired from a rifle.

Approved Item Name	INC	App Key

Flare

1. A pyrotechnic item designed to produce a single source of intense light for purposes such as target and/or airfield illuminations.

FLARE (1), AIRCRAFT	20284	AA
FLARE (1), AIRCRAFT, PRACTICE	20285	AA
FLARE (1), BALLISTIC AERIAL TARGET	46519	AA

A flare which is fired from a ground position and used as a target for ballistic aerial target system weaponry in a training environment.

FLARE (1), BALLISTIC AERIAL TARGET, INERT	46520	AA

An inert version of a FLARE, BALLISTIC AERIAL TARGET. Item contains all functioning parts of the flare, with the exception of the illuminant filler. This flare is fired from a ground position and is used as a target for ballistic aerial target system weaponry in a training environment.

FLARE (1), COUNTERMEASURE	46518	AA

A flare used on or for a DISPENSER, COUNTERMEASURES.

FLARE, GUIDED MISSILE	20549	AA

A pyrotechnic item designed to produce a single source of intense light for the purpose of visually tracing a guided missile during its flight to a target.

FLARE (1), INFRARED	46516	AA

A flare that is launched or dispensed from either surface ships or aircraft. This flare is used to decoy heat seeking missiles.

FLARE, INFRARED, COUNTERMEASURE	66809	AA

A pyrotechnic item designed to produce an infrared output as part of a self defense countermeasure.

FLARE MIXTURE #	60495	JA
FLARE, PARACHUTE, HAND FIRED #	16204	AB

A complete, self-contained device which is fired from the hand, and which provides a rocket projected, parachute borne, pyrotechnic light.

FLARE (1), PYROTECHNIC PISTOL	46521	AA

A flare especially designed for use in a PISTOL, PYROTECHNIC.

Approved Item Name	INC	App Key
LAUNCHER AND CARTRIDGE, 84 MILLIMETER	37873	JB

An item consisting of a portable launcher and an integrated cartridge. It is fired from the shoulder and is not reusable.

LAUNCHER AND CARTRIDGE, 90 MILLIMETER	*68374*	*JB*

An item consisting of a portable launcher and an integrated cartridge. It is fired from the shoulder and is not reusable.

LAUNCHER AND CARTRIDGE, PRACTICE, 60 MILLIMETER	40883	JB

An item consisting of a portable launcher and a practice cartridge. It is fired from the shoulder and is designed to project a complete practice cartridge against a practice target (combat vehicles). It is not reusable. Excludes DUMMY LAUNCHER AND CARTRIDGE, 60 MILLIMETER.

LAUNCHER AND CARTRIDGE, RIOT CONTROL AGENT	61922	JB

An item consisting of a portable launcher and cartridge(s). It is designed to produce prompt and effective coverage of a target area with an irritant agent. It is not reusable.

LAUNCHER AND GRENADE, INCENDIARY	34660	JB

An item consisting of a portable launcher and a grenade. It is designed to project the grenade which ignites by self-destruction or hard target impact. It is not reusable.

LAUNCHER AND GRENADE, PRACTICE	34823	JB

An item consisting of a portable launcher and a grenade with simulating content. It is not reusable.

LAUNCHER AND GRENADE, SMOKE	61932	JB

An item consisting of a launcher and integral smoke grenades. It is designed to project grenades which ignite and/or explode after ejection, providing smoke cover for the vehicles from which propelled. It can also cause casualties to personnel. It is not reusable.

LAUNCHING TUBE AND CARTRIDGE, 60 MILLIMETER #	40824	JB

An item consisting of a launching tube and an integrated cartridge. The launching tube is designed to fire a complete cartridge. It is not reusable.

Approved Item Name	INC	App Key
LAUNCHING TUBE AND CARTRIDGE, PRACTICE, 60 MILLIMETER #	40884	JB

An item consisting of a launching tube and an integrated practice cartridge. It is designed to fire the complete practice cartridge and is not reusable.

MARKER, LOCATION, MARINE	20297	EA

An item which contains a dye or a burning mixture for marking a location on water. It may contain an explosive charge for dispersion of contents.

MINE, CHEMICAL AGENT	20202	JA
MINE DISPERSING SUBSYSTEM, AIRCRAFT	61851	GA

An item consisting of a dispenser, an intervalometer, mine canisters, and mines. It may include field filed and monitor test equipment. It is designed to be mounted on an aircraft to lay mine fields in a controlled pattern. Excludes DISPENSER AND MINE, AIRCRAFT.

MINE DISPERSING SUBSYSTEM, AIRCRAFT, PRACTICE	61863	GA

An item designed to be mounted on an aircraft and utilized to develop skill in the laying of mine fields.

MINE DISPERSING SUBSYSTEM, AIRCRAFT, TRAINING	32726	GA

An item designed to train personnel in maintenance, operation, and reloading procedures.

RIOT CONTROL AGENT	30364	JA

A solid, liquid or gaseous chemical item which causes temporary lachrymation or nausea when in contact with the eyes or when inhaled. It is designed for the purpose of controlling civil disturbances or influencing a tactical military situation without inflicting casualties. It may be used for testing detection, protection and decontamination Nuclear Biological Chemical equipment.

RIOT CONTROL AGENT, SIMULANT	30365	JA

An item having the appearance, texture, density, and/or other characteristics of a RIOT CONTROL AGENT without producing lachrymatory or nauseating effects. It is used in lieu of a RIOT CONTROL AGENT for demonstrations or tests.

Signal

1. A pyrotechnic item designed to produce a sign by means of illumination, smoke, sound, or combination of these effects to provide identification, location, warning, and the like.

Approved Item Name	INC	App Key
SIGNAL (1), FLASH, GUIDED MISSILE	21037	CB

A signal which simulates fuze and/or warhead operation in guided missile flights in which live warheads are not used.

SIGNAL (1), ILLUMINATION	35202	BA
SIGNAL (1), ILLUMINATION AND SOUND #	36618	BA

A cylindrical metallic item containing a pyrotechnical main charge for producing light and sound.

SIGNAL, MESSAGE #	35207	CB
SIGNAL (1), SMOKE	35201	CB
SIGNAL (1), SMOKE AND ILLUMINATION	35203	CA
SIGNAL (1), SOUND #	35205	BA
SMOKE AGENT	30366	JA

A substance having chemical or physical properties which produce a screening or signaling smoke.

SMOKE POT	20799	DA

A cylindrical metal munition designed to produce smoke for screening or signaling purposes, either by combustion of a smoke producing mixture or by combustion of a fuel mixture to vaporize a smoke producing oil. It may be with or without igniting device and filling, and is not intended for throwing or for firing from weapons.

SMOKE POT, PRACTICE	50114	DA

A replica of a SMOKE POT specifically designed for practice. It has a reduced burn time and is substantially less toxic than standard smoke pot.

THICKENING COMPOUND, FUEL	20663	JB

A granular or powdered compound which produces a gel when mixed with a hydrocarbon type fuel.

APPLICABILITY KEY INDEX

	AA	AB
NAME	X	X
APGF	X	X
HUES	AR	AR
ASFY	X	X
ASFZ	AR	AR
ASGA	X	
ASGB	X	
ABHP	AR	AR
ADAV	AR	AR
ABMK	AR	AR
ABKW	AR	AR
AKYD		AR
DDAC	X	X
AMWN	AR	AR
FEAT	AR	AR
TEST	AR	AR
SPCL	AR	AR
ZZZK	AR	AR
ZZZT	AR	AR
ZZZW	AR	AR
ZZZX	AR	AR
ZZZY	AR	AR
CRTL	AR	AR
PRPY	AR	AR
ELRN	AR	AR
ELCD	AR	AR
CBME	AR	AR
SUPP	AR	AR
GRWT	AR	AR
CZKA	AR	AR
EXWT	AR	AR
QTSC	AR	AR
SCQP	AR	AR
HMCC	AR	AR
WLBL	AR	AR
SHPN	AR	AR
DENN	AR	AR
HAZD	AR	AR
ZZZP	AR	AR
ZZZV	AR	AR
AGAV	AR	AR
DTRC	AR	AR
CXCY	AR	AR

	BA
NAME	X
ASGC	X
ANEQ	X
ASGD	AR
ASFY	AR
ASFZ	AR
ASGE	AR
AHUX	X
ASGF	AR
ASGG	AR
ASGH	X
ASGJ	AR
DDAC	X
AMWN	X
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
CBME	AR
SUPP	AR
GRWT	AR
CZKA	AR
EXWT	AR
QTSC	AR
SCQP	AR
HMCC	AR
WLBL	AR
SHPN	AR
DENN	AR
HAZD	AR
ZZZP	AR
ZZZV	AR
AGAV	AR
DTRC	AR
CXCY	AR

	CA	CB
NAME	X	X
ADTV	X	X
ASGK	X	X
ASGL	X	X
ASGD	X	
ASFY	X	
ASFZ	X	
ASGM		X
ASGG		X
DDAC	X	X
AMWN	X	X
FEAT	AR	AR
TEST	AR	AR
SPCL	AR	AR
ZZZK	AR	AR
ZZZT	AR	AR
ZZZW	AR	AR
ZZZX	AR	AR
ZZZY	AR	AR
CRTL	AR	AR
PRPY	AR	AR
ELRN	AR	AR
ELCD	AR	AR
CBME	AR	AR
SUPP	AR	AR
GRWT	AR	AR
CZKA	AR	AR
EXWT	AR	AR
QTSC	AR	AR
SCQP	AR	AR
HMCC	AR	AR
WLBL	AR	AR
SHPN	AR	AR
DENN	AR	AR
HAZD	AR	AR
ZZZP	AR	AR
ZZZV	AR	AR
AGAV	AR	AR
DTRC	AR	AR
CXCY	AR	AR

	DA
NAME	X
APGF	X
ASGN	AR
ASGP	AR
ASGL	X
ASGQ	AR
ABKW	X
ADAV	X
DDAC	X
AMWN	X
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
CBME	AR
SUPP	AR
GRWT	AR
CZKA	AR
EXWT	AR
QTSC	AR
SCQP	AR
HMCC	AR
WLBL	AR
SHPN	AR
DENN	AR
HAZD	AR
ZZZP	AR
ZZZV	AR
AGAV	AR
DTRC	AR
CXCY	AR

	EA
NAME	X
ADTV	X
ASGR	X
ASGS	AR
ASGT	AR
ASGW	AR
ASGX	AR
ANHA	AR
AQRP	AR
ASGY	AR
ASGZ	AR
ASGG	X
DDAC	X
AMWN	X
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
CBME	AR
SUPP	AR
GRWT	AR
CZKA	AR
EXWT	AR
QTSC	AR
SCQP	AR
HMCC	AR
WLBL	AR
SHPN	AR
DENN	AR
HAZD	AR
ZZZP	AR
ZZZV	AR
AGAV	AR
DTRC	AR
CXCY	AR

	FA
NAME	X
ASJT	X
ASGY	X
ABAS	X
ASJW	X
AHSA	X
ABKV	X
AKSS	X
ASJX	X
ACVM	AR
DDAC	X
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
CBME	AR
SUPP	AR
GRWT	AR
CZKA	AR
EXWT	AR
QTSC	AR
SCQP	AR
HMCC	AR
WLBL	AR
SHPN	AR
DENN	AR
HAZD	AR
ZZZP	AR
ZZZV	AR
AGAV	AR
DTRC	AR
CXCY	AR

	GA
NAME	X
ASJY	X
ASJZ	AR
ASKA	X
ASKB	AR
ABHP	AR
ADAV	AR
ABMK	AR
ABKW	AR
ASKC	AR
ASKD	AR
ELEC	X
ACDC	AR
FREQ	AR
ASKE	X
DDAC	X
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
CBME	AR
SUPP	AR
GRWT	AR
CZKA	AR
EXWT	AR
QTSC	AR
SCQP	AR
HMCC	AR
WLBL	AR
SHPN	AR
DENN	AR
HAZD	AR
ZZZP	AR
ZZZV	AR
AGAV	AR
DTRC	AR
CXCY	AR

	HA
NAME	X
ANHA	X
ASGK	AR
ASKF	AR
ASKG	AR
DDAC	X
AMWN	X
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
CBME	AR
SUPP	AR
GRWT	AR
CZKA	AR
EXWT	AR
QTSC	AR
SCQP	AR
HMCC	AR
WLBL	AR
SHPN	AR
DENN	AR
HAZD	AR
ZZZP	AR
ZZZV	AR
AGAV	AR
DTRC	AR
CXCY	AR

	JA	JB
NAME	X	X
ASKJ	X	X
AHUF	AR	AR
DDAC	AR	AR
FEAT	AR	AR
TEST	AR	AR
SPCL	AR	AR
ZZZK	AR	AR
ZZZT	AR	AR
ZZZW	AR	AR
ZZZX	AR	AR
ZZZY	AR	AR
CRTL	AR	AR
PRPY	AR	AR
ELRN	AR	AR
ELCD	AR	AR
CBME	AR	AR
SUPP	AR	AR
GRWT	AR	AR
CZKA	AR	AR
EXWT	AR	AR
QTSC	AR	AR
SCQP	AR	AR
HMCC	AR	AR
WLBL	AR	AR
SHPN	AR	AR
DENN	AR	AR
HAZD	AR	AR
ZZZP	AR	AR
ZZZV	AR	AR
AGAV	AR	AR
DTRC	AR	AR
CXCY	AR	AR

[Page Break]

Body

SECTION: A

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code. (e.g., NAMED20284*)

ALL

APGF	D	DESIGN TYPE

Definition: INDICATES THE DESIGN TYPE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APGFDADW*; APGFDADX$DAEA*)

REPLY CODE	REPLY (AK54)
ADW	AIRPORT
AUL	COUNTERMEASURE
ADX	FLOAT
ADY	GUIDE
ADZ	HIGH ALTITUDE PARACHUTE
AEA	PARACHUTE
AEC	TOW TARGET
AEB	TOWED
AED	TRIP
AEE	TRIP PARACHUTE

ALL*

HUES	D	COLOR

Definition: A CHARACTERISTIC OF LIGHT THAT CAN BE SPECIFIED IN TERMS OF LUMINANCE, DOMINANT WAVELENGTH, AND PURITY.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., HUESDAM0000*)

APP Key	MRC	Mode Code	Requirements
ALL			
	ASFY	B	CANDLEPOWER INTENSITY

Definition: THE MEASUREMENT OF LUMINOUS INTENSITY, EXPRESSED IN CANDLEPOWER.

Reply Instructions: Enter the numeric value. (e.g., ASFYB65000.0*)

ALL*

	ASFZ	G	ILLUMINANT BURNING TIME

Definition: A MEASUREMENT INDICATING THE BURNING TIME OF THE ILLUMINANT.

Reply Instructions: Enter the reply in clear text. (e.g.,ASFZG720.0 TO 900.0 SECONDS*)

AA

	ASGA	D	SUSPENSION BAND

Definition: AN INDICATION OF WHETHER OR NOT A SUSPENSION BAND(S) IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ASGADB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

AA

	ASGB	D	BOMBARDIER GLARE SHIELD

Definition: AN INDICATION OF WHETHER OR NOT A BOMBARDIER GLARE SHIELD IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ASGBDB*)

REPLY CODE	REPLY (AA49)

APP Key	MRC	Mode Code	Requirements
		B	INCLUDED
		C	NOT INCLUDED

ALL*

ABHP J OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA27.000*; ABHPJLA685.8*; ABHPJAB25.125$$JAC25.250*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ADAV J OVERALL DIAMETER

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA4.750*; ADAVJLA120.7*; ADAVJAB5.250$$JAC5.375*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL

APP Key	MRC	Mode Code	Requirements
		B	MINIMUM
		C	MAXIMUM

ALL*

ABMK J OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA6.190*; ABMKJLA157.2*; ABMKJAB5.125$$JAC5.250*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABKW J OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA6.370*; ABKWLA161.8*; ABKWJAB6.250$$JAC6.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL

APP Key	MRC	Mode Code	Requirements
		B	MINIMUM
		C	MAXIMUM
AB*			
	AKYD	G	ACCESSORY COMPONENTS AND QUANTITY

Definition: THE NAME AND NUMBER OF PARTS SUPPLIED WITH THE ITEM WHICH MAY BE REQUIRED FOR APPLICATION.

Reply Instructions: Enter the reply in clear text. (e.g., AKYDGWIRE, COIL 45 FT*)

ALL			
	DDAC	A	DOD AMMUNITION CODE

Definition: A NINE (9) CHARACTER SEMISIGNIFICANT NUMBER DIVIDED INTO TWO PARTS BY A HYPHEN CENTRALLY ASSIGNED TO GENERIC DECRIPTIONS APPLICABLE TO ITEMS OF SUPPLY IN FSG 13 AND 14.

Reply Instructions: Enter the code.

(e.g., DDACA1340-L435*)

ALL*			
	AMWN	A	MODEL NUMBER

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE ITEM.

Reply Instructions: Enter the model number. (e.g., AMWNAT3*)

SECTION: B

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code. (e.g., NAMED20287*)

ALL			
	ASGC	D	OUTER CASE MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE OUTER CASE IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., ASGCDALC000*; ASGCDPF0000$$DWD0000*; ASGCDALC000$DAL0000*)

ALL			
	ANEQ	D	SIGNAL TYPE

Definition: INDICATES THE TYPE OF SIGNALLING THE ITEM WILL PERFORM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANEQDBN*; ANEQDBN$$DBP*)

REPLY CODE	REPLY (AJ52)
BN	SHOWER
BP	STAR

NOTES FOR MRCS ASGD, ASFY, ASFZ, AND ASGE: REPLY TO MRCS ASGD, ASFY, AND ASFZ IF REPLY CODE BN IS ENTERED FOR MRC ANEQ. IF MORE THAN ONE BURST, USE AND ($$) CODING FOR EACH BURST, ENTERING IN BURSTING ORDER SEQUENCE. SEPARATE MULTIPLE REPLIES WITH A SEMICOLON FOR MRC ASFZ. REPLY TO MRCS ASGD, ASFY, ASFZ, AND ASGE IF REPLY CODE BP IS ENTERED FOR MRC ANEQ. IF MORE THAN ONE STAR, USE AND ($$) CODING ENTERING COLOR IN REPLY TABLE SEQUENCE. SEPARATE MULTIPLE REPLIES WITH A SEMICOLON FOR MRC ASFZ.

APP Key	MRC	Mode Code	Requirements

ALL* (See Note Above)

ASGD D ILLUMINANT COLOR

Definition: THE HUE OR TINT OF THE ILLUMINANT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., ASGDDRE0000*ASSDDGR0000$$DWH0000*)

ALL* (See Note Preceding MRC ASGD)

ASFY B CANDLEPOWER INTENSITY

Definition: THE MEASUREMENT OF LUMINOUS INTENSITY, EXPRESSED IN CANDLEPOWER.

Reply Instructions: Enter the numeric value. (e.g., ASFYB10000.0*; ASFYB10000.0$$B24000.0*)

ALL* (See Note Preceding MRC ASGD)

ASFZ G ILLUMINANT BURNING TIME

Definition: A MEASUREMENT INDICATING THE BURNING TIME OF THE ILLUMINANT.

Reply Instructions: Enter the reply in clear text. (e.g., ASFZG720 TO 900 SECONDS*; ASFZG3 TO 4.5 SEC; 10 SEC*)

ALL* (See Note Preceding MRC ASGD)

ASGE D PARACHUTE SUPPORT

Definition: AN INDICATION OF WHETHER OR NOT A PARACHUTE SUPPORT IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ASGEDB*; ASGEDB$$DB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL

APP Key	MRC	Mode Code	Requirements
	AHUX	D	TRACER ELEMENT

Definition: AN INDICATION OF WHETHER OR NOT THE ITEM INCLUDES A TRACER ELEMENT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AHUXDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRC ASGF: REPLY TO THIS MRC IF REPLY CODE B IS ENTERED FOR MRC AHUX.

ALL* (See Note Above)

	ASGF	D	TRACER COLOR

Definition: THE HUE OR TINT OF THE TRACER.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., ASGFDRE0000*; ASGFDGR0000$DRE0000*; ASGFDGR0000$$DRE0000*)

ALL*

	ASGG	D	PROJECTION METHOD

Definition: THE MEANS BY WHICH THE ITEM IS PROJECTED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ASGGDAAB*: ASGGDAAB$$DAAC*)

REPLY CODE	REPLY (AL78)
AAB	HAND
AAC	PISTOL
AAD	RIFLE
AAE	SUBMARINE SIGNAL EJECTOR

ALL

	ASGH	D	GRENADE CARTRIDGE

APP Key	MRC	Mode Code	Requirements

Definition: AN INDICATION OF WHETHER OR NOT A GRENADE CARTRIDGE(S) IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ASGHDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRC ASGJ: REPLY TO THIS MRC IF REPLY CODE B IS ENTERED FOR MRC ASGH.

ALL* (See Note Above)

ASGJ G GRENADE CARTRIDGE TYPE/MODEL NUMBER AND QUANTITY

Definition: INDICATES THE TYPE OF GRENADE CARTRIDGE, THE MODEL NUMBER, AND THE NUMBER OF EACH.

Reply Instructions: Enter the reply in clear text. (e.g., ASGJGRIFLE, M3, 30*)

ALL

DDAC A DOD AMMUNITION CODE

Definition: A NINE (9) CHARACTER SEMISIGNIFICANT NUMBER DIVIDED INTO TWO PARTS BY A HYPHEN CENTRALLY ASSIGNED TO GENERIC DESCRIPTIONS APPLICABLE TO ITEMS OF SUPPLY IN FSG 13 AND 14.

Reply Instructions: Enter the code.

(e.g., DDACA1370-L309*)

ALL

AMWN A MODEL NUMBER

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE ITEM.

APP Key	MRC	Mode Code	Requirements
	Reply Instructions: Enter the model number. (e.g., AMWNAM21A1*; AMWNAM56A1$AM56A2*)		

SECTION: C

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME
	Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.		
	Reply Instructions: Enter the applicable Item Name Code. (e.g., NAMED20293*)		
ALL			
	ADTV	D	CASE MATERIAL
	Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE CASE IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.		
	Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., ADTVDALC000*; ADTVDPF0000$$DWD0000*; ADTVDALC000$DSN0000*)		
ALL			
	ASGK	D	SMOKE COLOR
	Definition: THE HUE OR TINT OF THE SMOKE.		
	Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., ASGKDRE0000*; ASGKDGR0000$$DYE0000*; ASGKDRG0000$DRE0000*)		
ALL			
	ASGL	G	SMOKE BURNING TIME
	Definition: A MEASUREMENT INDICATING THE SMOKE BURNING TIME.		
	Reply Instructions: Enter the reply in clear text. (e.g., ASGLG40 TO 60 MINUTES*)		
CA			
	ASGD	D	ILLUMINANT COLOR
	Definition: THE HUE OR TINT OF THE ILLUMINANT.		
	Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., ASGDDRE0000*; ASGDDGR0000$$DWH0000*; ASGDDRG0000$DRE0000*)		

APP Key	MRC	Mode Code	Requirements

CA

ASFY B CANDLEPOWER INTENSITY

Definition: THE MEASUREMENT OF LUMINOUS INTENSITY, EXPRESSED IN CANDLEPOWER.

Reply Instructions: Enter the numeric value. (e.g., ASFYB650.0*)

CA

ASFZ G ILLUMINANT BURNING TIME

Definition: A MEASUREMENT INDICATING THE BURNING TIME OF THE ILLUMINANT.

Reply Instructions: Enter the reply in clear text. (e.g., ASFZG40 TO 60 MINUTES*)

CB

ASGM D PARACHUTE

Definition: AN INDICATION OF WHETHER OR NOT A PARACHUTE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ASGMDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

CB

ASGG D PROJECTION METHOD

Definition: THE MEANS BY WHICH THE ITEM IS PROJECTED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ASGGDAAF*; ASGGDAAB$$DAAC*)

REPLY CODE	REPLY (AL78)
AAF	AIR DROPPED
AAB	HAND
AAC	PISTOL

APP Key	MRC	Mode Code	Requirements
		AAE	SUBMARINE SIGNAL EJECTOR
		AAG	SUBMERGED SIGNAL EJECTOR
		AAH	SUBMERGED SIGNAL GUN

ALL

DDAC A DOD AMMUNITION CODE

Definition: A NINE (9) CHARACTER SEMISIGNIFICANT NUMBER DIVIDED INTO TWO PARTS BY A HYPHEN CENTRALLY ASSIGNED TO GENERIC DESCRIPTIONS APPLICABLE TO ITEMS OF SUPPLY IN FSG 13 AND 14.

Reply Instructions: Enter the code.

(e.g., DDACA1370-L275*)

ALL

AMWN A MODEL NUMBER

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE ITEM.

Reply Instructions: Enter the model number. (e.g., AMWNAMK6 MOD 2*)

SECTION: D

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code. (e.g., NAMED20799*)

ALL

APGF D DESIGN TYPE

Definition: INDICATES THE DESIGN TYPE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APGFDAEF*; APGFDAEF$DAEG*)

REPLY CODE	REPLY (AK54)
AEF	FLOATING
AEG	GROUND

ALL*

ASGN G FUEL MIXTURE

Definition: AN INDICATION OF THE FUEL MIXTURE.

Reply Instructions: Enter the reply in clear text. (e.g., ASGNGIN ACCORDANCE W/CMLC DIRECTIVE NO. 358*)

Separate multiple replies with a semicolon.

(e.g., ASGNGIN ACCORDANCE W/EDGEWOOD ARSENAL DWG B143-102;IN ACCORDANCE W/MIL STD 545*)

ALL*

ASGP G SMOKE MIXTURE

Definition: AN INDICATION OF THE SMOKE MIXTURE.

Reply Instructions: Enter the reply in clear text. (e.g., ASGPGW/3GF 2, FOG OIL MIXTURE*)

APP Key	MRC	Mode Code	Requirements
ALL			
	ASGL	G	SMOKE BURNING TIME

Definition: A MEASUREMENT INDICATING THE SMOKE BURNING TIME.

Reply Instructions: Enter the reply in clear text. (e.g., ASGLG45 SECONDS, MINIMUM TO 1 MINUTE;45 SECONDS, MAXIMUM*)

ALL*			
	ASGQ	D	IGNITING DEVICE TYPE

Definition: INDICATES THE TYPE OF DEVICE USED TO IGNITE THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ASGQDAAC*)

REPLY CODE	REPLY (AK32)
AAD	INERT
AAC	LIVE

ALL			
	ABKW	J	OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA9.500*; ABKWJLA241.3*; ABKWJAB13.000$$JAC13.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements

ALL

ADAV J OVERALL DIAMETER

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA8.500*; ADAVJLA215.9*; ADAVJAB8.000$$JAC8.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

DDAC A DOD AMMUNITION CODE

Definition: A NINE (9) CHARACTER SEMISIGNIFICANT NUMBER DIVIDED INTO TWO PARTS BY A HYPHEN CENTRALLY ASSIGNED TO GENERIC DESCRIPTIONS APPLICABLE TO ITEMS OF SUPPLY IN FSG 13 AND 14.

Reply Instructions: Enter the code.

(e.g., DDACA1365-K873*)

ALL

AMWN A MODEL NUMBER

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE ITEM.

Reply Instructions: Enter the model number.

APP Key	MRC	Mode Code	Requirements
	(e.g., AMWNAAN-M7A1*)		

SECTION: E

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code. (e.g., NAMED20297*)

ALL			
	ADTV	D	CASE MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE CASE IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., ADTVDPF0000*; ADTVDME0000$$DPF0000*; ADTVDCU0000$DST0000*)

ALL			
	ASGR	D	FILLER TYPE

Definition: INDICATES THE TYPE OF FILLER CONTAINED IN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ASGRDAAB*)

REPLY CODE	REPLY (AL79)
AAB	BURNING
AAC	DYE

NOTES FOR MRCS ASGS, ASGT, ASGW, ASGX, ANHA, AQRP, AND ASGY: REPLY TO MRCS ASGS, ASGT, ASGW, AND ASGX IF REPLY CODE AAC IS ENTERED FOR MRC ASGR. REPLY TO MRCS ANHA, AQRP, AND ASGY IF REPLY CODE AAB IS ENTERED FOR MRC ASGR.

ALL* (See Note Above)			
	ASGS	D	DYE TYPE

Definition: INDICATES THE TYPE OF DYE CONTAINED IN THE ITEM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ASGSDAAD*)

REPLY CODE	REPLY (AL79)
AAD	CHROME YELLOW
AAE	FLUORESCEIN
AAF	STEARATE CHROME YELLOW
AAG	URANINE

NOTE FOR MRC ASGT: REPLY TO THIS MRC IF REPLY CODE AAE IS ENTERED FOR MRC ASGS.

ALL* (See Note Above and Preceding MRC ASGS)

ASGT B FLUORESCEIN DYE PERCENTAGE

Definition: THE PERCENTAGE OF FLUORESCEIN DYE IN THE ITEM.

Reply Instructions: Enter the numeric value. (e.g., ASGTB86.0*)

ALL* (See Note Above and Preceding MRC ASGS)

ASGW J DYE WEIGHT

Definition: A RELATIVE MEASURE OF THE MASS OF THE DYE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ASGWJP0.062*; ASGWJK0.3*)

REPLY CODE	REPLY (AB16)
K	KILOGRAMS
P	POUNDS

ALL* (See Note Preceding MRC ASGS)

ASGX D WET DYE COLOR

Definition: THE HUE OR TINT OF THE DYE WHEN WET.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., ASGXDYE0000*)

ALL* (See Note Preceding MRC ASGS)

APP Key	MRC	Mode Code	Requirements
	ANHA	D	FILLER MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF THE FILLER MATERIAL.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANHADFM*)

REPLY CODE	REPLY (AF45)
SC	BLACK SMOKE MIXTURE
FM	CALCIUM CARBIDE
FN	FLARE COMPOSITION/GREEN
AS	GREEN SMOKE MIXTURE
FP	RED PHOSPHORUS
BH	RED SMOKE MIXTURE
SD	WHITE SMOKE MIXTURE
BT	YELLOW SMOKE MIXTURE

ALL* (See Note Preceding MRC ASGS)

	AQRP	J	FILLER MATERIAL WEIGHT

Definition: A RELATIVE MEASURE OF THE MASS OF THE FILLER MATERIAL WITH RESPECT TO ITS DENSITY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AQRPJP1.380*; AQRPJR625.0*)

REPLY CODE	REPLY (AB16)
R	GRAMS
K	KILOGRAMS
P	POUNDS

ALL* (See Note Preceding MRC ASGS)

	ASGY	G	BURNING TIME

Definition: A MEASUREMENT INDICATING THE BURNING TIME.

Reply Instructions: Enter the reply in clear text. (e.g., ASGYG45 SECONDS TO 1 MINUTE*)

ALL*

APP Key	MRC	Mode Code	Requirements
	ASGZ	D	BURSTING CHARGE TYPE

Definition: INDICATES THE TYPE OF BURSTING CHARGE PROVIDED.

Reply Instructions: Enter the Reply Code from the table below. (e.g., ASGZDAB*)

REPLY CODE	REPLY (AF53)
AB	BLACK POWDER

ALL

	ASGG	D	PROJECTION METHOD

Definition: THE MEANS BY WHICH THE ITEM IS PROJECTED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ASGGDAAB*; ASGGDAAJ$$DAAB*)

REPLY CODE	REPLY (AL78)
AAJ	AIRCRAFT
AAB	HAND
AAC	PISTOL
AAK	SUBMARINE

ALL

	DDAC	A	DOD AMMUNITION CODE

Definition: A NINE (9) CHARACTER SEMISIGNIFICANT NUMBER DIVIDED INTO TWO PARTS BY A HYPHEN CENTRALLY ASSIGNED TO GENERIC DESCRIPTIONS APPLICABLE TO ITEMS OF SUPPLY IN FSG 13 AND 14.

Reply Instructions: Enter the code.

(e.g., DDACA1370-L565*)

ALL

	AMWN	A	MODEL NUMBER

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE ITEM.

APP Key	MRC	Mode Code	Requirements
	Reply Instructions: Enter the model number. (e.g., AMWNAAN-M59*)		

SECTION: F

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME
	Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.		
	Reply Instructions: Enter the applicable Item Name Code. (e.g., NAMED05436*)		
ALL			
	ASJT	D	FLAME COLOR
	Definition: THE HUE OR TINT OF THE FLAME.		
	Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., ASJTDRE0000*)		
ALL			
	ASGY	G	BURNING TIME
	Definition: A MEASUREMENT INDICATING THE BURNING TIME.		
	Reply Instructions: Enter the reply in clear text. (e.g., ASGYG150 TO 180 SECONDS*)		
ALL			
	ABAS	D	IGNITION METHOD
	Definition: THE MEANS BY WHICH THE FUEL IS IGNITED.		
	Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ABASDC*)		

REPLY CODE	REPLY (AA98)
E	FRICTION CAP
C	HAND

ALL			
	ASJW	J	IGNITION MINIMUM TEMP

APP Key	MRC	Mode Code	Requirements

Definition: THE MINIMUM TEMPERATURE REQUIRED FOR THE ITEM TO IGNITE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ASJWJF485.0*; ASJWJC250.0*)

REPLY CODE	REPLY (AB36)
C	DEG CELSIUS
F	DEG FAHRENHEIT

ALL

AHSA D TUBING MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE TUBING IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., AHSADPF0000*; AHSADPF0000$$DWD0000*; AHSADPF0000$DWD0000*)

ALL

ABKV J OUTSIDE DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A CIRCULAR FIGURE OR BODY, AND TERMINATES AT THE OUTSIDE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKVJAA1.750*; ABKVJLA44.5*; ABKVJAB1.250$$JAC1.310*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements

ALL

AKSS D WATERPROOF FEATURE

Definition: AN INDICATION OF WHETHER OR NOT A WATERPROOF FEATURE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AKSSDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL

ASJX D ADVERSE WEATHER BURNING FEATURE

Definition: AN INDICATION OF WHETHER OR NOT AN ADVERSE WEATHER BURNING FEATURE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ASJXDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL*

ACVM D BASE TYPE

Definition: INDICATES THE TYPE OF BASE FURNISHED WITH THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ACVMDJ*)

REPLY CODE	REPLY (AB97)
J	SPIKE POINT
K	WOODEN HANDLE

APP Key	MRC	Mode Code	Requirements
ALL			
	DDAC	A	DOD AMMUNITION CODE

Definition: A NINE (9) CHARACTER SEMISIGNIFICANT NUMBER DIVIDED INTO TWO PARTS BY A HYPHEN CENTRALLY ASSIGNED TO GENERIC DESCRIPTIONS APPLICABLE TO ITEMS OF SUPPLY IN FSG 13 AND 14.

Reply Instructions: Enter the code.

(e.g., DDACA1370-L536*)

SECTION: G

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code. (e.g., NAMED29683*)

ALL			
	ASJY	D	CONTENT EJECTION METHOD

Definition: THE MEANS BY WHICH THE CONTENTS ARE EJECTED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ASJYDAAN*; ASJYDAAL$$DAAP*; ASJYDAAM$DAAN*)

REPLY CODE	REPLY (AL78)
AAL	CARTRIDGE
AAM	ELECTRICAL TIME FUZE
AAN	MECHANICAL TIME FUZE
AAP	RAM AIR PRESSURE
AAQ	SPRING
AAR	SPRING W/FORCED AIR

ALL*			
	ASJZ	J	STATION TYPE AND QUANTITY

Definition: INDICATES THE TYPE AND NUMBER OF STATIONS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the quantity. (e.g., ASJZJAAB12*)

REPLY CODE	REPLY (AL81)
AAB	BOMB TUBE
AAC	MINE BAY

ALL			
	ASKA	J	COMPONENT NAME AND QUANTITY

APP Key	MRC	Mode Code	Requirements

Definition: THE NAME AND NUMBER OF COMPONENTS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the quantity. (e.g.,ASKAJAAC24; ASKAJAAC24$$JAAD250*)

REPLY CODE	REPLY (AL83)
AAB	BAGGED RIOT CONTROL AGENT
AAC	BOMB
AAD	CANISTER CLUSTER
AAE	FLARE
AAF	GRENADE
AAG	MINE

ALL*

ASKB A COMPONENT MODEL NUMBER

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE COMPONENT.

Reply Instructions: Enter the model number. (e.g., ASKBABLU-17/B*; ASKBAM40$$AGBU48*)

ALL*

ABHP J OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA118.420*; ABHPJLA3007.9*; ABHPJAB81.310$$JAC81.380*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements

ALL*

ADAV J OVERALL DIAMETER

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Code from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA15.600*; ADAVJLA336.2*; ADAVJAB16.100$$JAC16.160*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABMK J OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA15.000*; ABMKJLA381.0*; ABMKJAB9.300$$JAC9.375*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements

ALL*

ABKW J OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA16.500*; ABKWJLA413.1*; ABKWJAB11.200$$JAC11.280*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ASKC A LOAD SUSPENSION POINT QUANTITY

Definition: THE NUMBER OF LOAD SUSPENSION POINTS.

Reply Instructions: Enter the quantity. (e.g., ASKCA2*)

NOTE FOR MRC ASKD: REPLY TO THIS MRC IF A REPLY IS ENTERED FOR MRC ASKC.

ALL* (See Note Above)

ASKD J DISTANCE BETWEEN LOAD SUSPENSION POINTS

Definition: THE DISTANCE BETWEEN THE LOAD SUSPENSION POINTS.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ASKDJAA14.000*; ASKDJLA355.6*; ASKDJAB13.000$$JAC30.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

ELEC B VOLTAGE IN VOLTS

Definition: THE TOTAL ELECTRICAL VOLTAGE.

Reply Instructions: Enter the numeric value. (e.g., ELECB28.0*)

ALL*

ACDC D CURRENT TYPE

Definition: INDICATES THE TYPE OF CURRENT WHETHER ALTERNATING, DIRECT, OR BOTH.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ACDCDC*; ACDCDB$$DC*; ACDCDB$DC*)

REPLY CODE	REPLY (AB62)
B	AC
C	DC

NOTE FOR MRC FREQ: REPLY TO THIS MRC IF REPLY CODE B IS ENTERED FOR MRC ACDC.

ALL* (See Note Above)

APP Key	MRC	Mode Code	Requirements
	FREQ	B	FREQUENCY IN HERTZ

Definition: THE CYCLES PER SECOND (HERTZ) OF THE ALTERNATING CURRENT.

Reply Instructions: Enter the numeric value. (e.g., FREQB60.0*)

ALL

	ASKE	A	DISPENSER MODEL NUMBER

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE DISPENSER.

Reply Instructions: Enter the model number.

(e.g., ASKEACBU-28/A*)

ALL

	DDAC	A	DOD AMMUNITION CODE

Definition: A NINE (9) CHARACTER SEMISIGNIFICANT NUMBER DIVIDED INTO TWO PARTS BY A HYPHEN CENTRALLY ASSIGNED TO GENERIC DESCRIPTIONS APPLICABLE TO ITEMS OF SUPPLY FSG 13 AND 14.

Reply Instructions: Enter the code.

(e.g., DDACA1325-E181*)

SECTION: H

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code. (e.g., NAMED20805*)

ALL

ANHA	D	FILLER MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF THE FILLER MATERIAL.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANHADFT*; ANHADSE$$DSF*; ANHADFQ$DFR*)

REPLY CODE	REPLY (AF45)
FQ	COLORED SMOKE
FR	HEXACHLOROETHANE SMOKE MIXTURE
SE	ISOPROPYL ALCOHOL
SF	ISOPROPYLAMINE
FS	O-CHLOROBENZALMALONOITRILE-PYROTECHNIC MIXTURE
FT	WHITE PHOSPHORUS SMOKE CHEMICAL

NOTE FOR MRC ASGK: REPLY TO THIS MRC IF REPLY CODE FR OR FT IS ENTERED FOR MRC ANHA.

ALL* (See Note Above)

ASGK	D	SMOKE COLOR

Definition: THE HUE OR TINT OF THE SMOKE.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., ASGKDVL0000*)

ALL*

ASKF	G	CHEMICAL PROJECTILE SIZE AND MODEL

APP Key	MRC	Mode Code	Requirements
			NUMBER
			Definition: THE SIZE AND MODEL NUMBER OF THE CHEMICAL PROJECTILE.
			Reply Instructions: Enter the reply in clear text. (e.g., ASKFGU/W 105MM CHEMICAL PROJECTILE, MODEL NO. M84*)
ALL*			
	ASKG	G	CANISTER CLUSTER SIZE AND MODEL NUMBER
			Definition: THE SIZE AND MODEL NUMBER OF THE CANISTER CLUSTER.
			Reply Instructions: Enter the reply in clear text. (e.g., ASKGGU/W 50 LB CANISTER CLUSTER, MODEL NO. E158*)
ALL			
	DDAC	A	DOD AMMUNITION CODE
			Definition: A NINE (9) CHARACTER SEMISIGNIFICANT NUMBER DIVIDED INTO TWO PARTS BY A HYPHEN CENTRALLY ASSIGNED TO GENERIC DESCRIPTIONS APPLICABLE TO ITEMS OF SUPPLY IN FSG 13 AND 14.
			Reply Instructions: Enter the code.
			(e.g., DDACA1320-D195*)
ALL			
	AMWN	A	MODEL NUMBER
			Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE ITEM.
			Reply Instructions: Enter the model number. (e.g., AMWNAM5*)

SECTION: J

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code. (e.g., NAMED30364*)

ALL			
	ASKJ	A	CHEMICAL CORPS SYMBOL

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED CHEMICAL CORPS SYMBOL.

Reply Instructions: Enter the symbol.

(e.g., ASKJACS-1*)

ALL*			
	AHUF	D	CARTRIDGE DESIGN TYPE

Definition: INDICATES THE DESIGN TYPE CHARACTERISTIC OF THE CARTRIDGE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AHUFDABC*; AHUFDABC$$DABB*)

REPLY CODE	REPLY (AF43)
AAF	ARMOR PIERCING
ABB	HIGH EXPLOSIVE
ABC	HIGH EXPLOSIVE ANTITANK

ALL			
	DDAC	A	DOD AMMUNITION CODE

Definition: A NINE (9) CHARACTER SEMISIGNIFICANT NUMBER DIVIDED INTO TWO PARTS BY A HYPHEN CENTRALLY ASSIGNED TO GENERIC DESCRIPTIONS APPLICABLE TO ITEMS OF SUPPLY IN FSG 13 AND 14.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the code.

(e.g., DDACA1365-K771*)

For Item Name Code 05613, 05614, 05616, 05617, or 05618, omit reply.

SECTION: STANDARD

APP Key	MRC	Mode Code	Requirements
ALL*			
	FEAT	G	SPECIAL FEATURES

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., FEATGADJUSTABLE NOSE CLIP*; FEATGADJUSTABLE NOSE PIECE; DISPOSABLE*)

ALL*			
	TEST	J	TEST DATA DOCUMENT

Definition: THE SPECIFICATION, STANDARD, DRAWING, OR SIMILAR INSTRUMENT THAT SPECIFIES ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS OR TEST CONDITIONS UNDER WHICH AN ITEM IS TESTED AND ESTABLISHES ACCEPTABLE LIMITS WITHIN WHICH THE ITEM MUST CONFORM IDENTIFIED BY AN ALPHABETIC AND/OR NUMERIC REFERENCE NUMBER. INCLUDES THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE ENTITY CONTROLLING THE INSTRUMENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the 5-position CAGE Code, a dash, and the document identification number.

(e.g., TESTJA12345-CWX654321*;

TESTJA1234A-654321$$JB5556A-663654*;

TESTJAA2345-654321$JB55566-663654*)

REPLY CODE	REPLY (AC28)
A	SPECIFICATION (Includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical," "average," "nominal," etc.)
B	STANDARD (Includes industry or association standards, individual manufacturer standards, etc.)

APP Key	MRC	Mode Code	Requirements
		C	DRAWING (This is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard, or other document that may be referenced in a basic governing drawing)

ALL*

SPCL G SPECIAL TEST FEATURES

Definition: TEST CONDITIONS AND RATINGS, OR ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS THAT ARE DIFFERENT, MORE CRITICAL, OR MORE SPECIFIC THAN THOSE SPECIFIED IN A GOVERNING TEST DATA DOCUMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SPCLGSELECTED AND TESTED FOR NAVIGATIONAL SYSTEMS*)

ALL*

ZZZK J SPECIFICATION/STANDARD DATA

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

(e.g., ZZZKJT81337-30642B*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED/*;

ZZZKJP80205-NAS1103*;

ZZZKJS81349-MIL-C-1140C/CE/*;

ZZZKJT81337-30642B$$JP80205-NAS1103*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AN62)
S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD
D	MANUFACTURERS SOURCE CONTROL
R	MANUFACTURERS SPECIFICATION
N	MANUFACTURERS SPECIFICATION CONTROL
M	MANUFACTURERS STANDARD
B	NATIONAL STD/SPEC
A	PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION
P	PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD

NOTE FOR MRC ZZZT: IF THE SPECIFICIATION/STANDARD CITED IN REPLY TO MRC ZZZK IS NONDEFINITIVE, REPLY TO MRC ZZZT. THIS REPLY IS THE DATA WHICH IS NOT RECORDED IN SEGMENT C.

ALL* (See Note Above)

ZZZT J NONDEFINITIVE SPEC/STD DATA

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 3, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1*; ZZZTJTY1$$JSTA*; ZZZTJTY1$JSTA*)

ALL*

ZZZW G DEPARTURE FROM CITED DOCUMENT

Definition: THE TECHNICAL DIFFERENTIATING CHARACTERISTIC(S) OF AN ITEM OF SUPPLY WHICH DEPART(S) FROM THE TEXT OF A SPECIFICATION OR A STANDARD IN THAT IT REPRESENTS A SELECTION OF CHARACTERISTICS STATED IN THE SPECIFICATION OR STANDARD AS BEING OPTIONAL, OR A VARIATION FROM ONE OR MORE OF THE STATED CHARACTERISTICS, OR AN ADDITIONAL CHARACTERISTIC NOT STATED IN THE SPECIFICATION OR STANDARD.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZWGAS MODIFIED BY MATERIAL*)

APP Key	MRC	Mode Code	Requirements
ALL*			
	ZZZX	G	DEPARTURE FROM CITED DESIGNATOR
			Definition: THE VARIATION WHEN THE ITEM IS IN CONFORMITY WITH A TYPE DESIGNATOR COVERED BY A SPECIFICATION OR STANDARD, EXCEPT IN REGARD TO ONE OR MORE TECHNICAL DIFFERENTIATING CHARACTERISTICS.
			Reply Instructions: Enter the reply in clear text. (e.g., ZZZXGAS MODIFIED BY MATERIAL*)
ALL*			
	ZZZY	G	REFERENCE NUMBER DIFFERENTIATING CHARACTERISTICS
			Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.
			Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS*; ZZZYGAS DIFFERENTIATED BY MATERIAL*)
ALL*			
	CRTL	A	CRITICALITY CODE JUSTIFICATION
			Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.
			Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAMATL*; CRTLAMATL$$ASURF*)
			Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.
NOTE FOR MRC PRPY: IF DOCUMENT AVAILABILITY CODE B, D, F, OR H, REPLY TO MRC PRPY.			
ALL* (See Note Above)			

APP Key	MRC	Mode Code	Requirements
	PRPY	A	PROPRIETARY CHARACTERISTICS

Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.

Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding ($$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS*; PRPYANPAC*; PRPYAMATL$$ASURF*)

ALL*

	ELRN	G	EXTRA LONG REFERENCE NUMBER

Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.

Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code unless there is more than one extra long reference number on the NSN, (e.g., ELRNGANN112036BIL060557LEN313605UZ62365*).

If there is more than one extra long reference number on the NSN, include the CAGE or NCAGE and separate each reference by using the "&" character, (e.g., 28480 ANN112036BIL060557LEN313605UZ62365 & S1234 NN112036BIL060557LEN313605UZ62365).

In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.

ALL*

	ELCD	D	EXTRA LONG CHARACTERISTIC DESCRIPTION

Definition: A DESCRIPTION THAT EXCEEDS 5000 CHARACTERS.

Reply Instructions: Enter the Reply Code from the table below. (e.g., ELCDDA*)

REPLY CODE	REPLY (AN58)

APP Key	MRC	Mode Code	Requirements
		A	ADDITIONAL DESCRIPTIVE DATA ON MANUAL RECORD
ALL *			
	CXCY	G	PART NAME ASSIGNED BY CONTROLLING AGENCY

Definition: THE NAME ASSIGNED TO THE ITEM BY THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE DESIGN OF THE ITEM

Reply Instructions: Enter the reply in clear text. (e.g., CXCYGLINE PROCESSOR CONTROL BOARD*)

SECTION: SUPPTECH

APP Key	MRC	Mode Code	Requirements

ALL

CBME J CUBIC MEASURE

Definition: A MEASUREMENT OF VOLUME TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE HEIGHT OF AN ITEM AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., CBMEJCN1.21*; CBMEJCC16.7*)

REPLY CODE	REPLY (AN76)
CC	CUBIC CENTIMETERS
CN	CUBIC INCHES

ALL

SUPP G SUPPLEMENTARY FEATURES

Definition: CHARACTERISTICS OR QUALITIES OF AN ITEM, NOT COVERED IN ANY OTHER REQUIREMENT, WHICH ARE CONSIDERED ESSENTIAL INFORMATION FOR ONE OR MORE FUNCTIONS EXCLUDING NSN ASSIGNMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SUPPGMAY INCL HOLE IN UPPER SUPPORT FOR MTG DURING SHIPMENT*)

ALL

GRWT J GROSS WEIGHT

Definition: THE COMBINED WEIGHT OF THE ITEM AND ITS LOADED CONTENTS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., GRWTJARAS2000.0*; GRWTJARAJ50.0*; GRWTJARAS2000.0$$JEBAS100.5*)

Table 1

REPLY CODE	REPLY (AD28)
AR	PALLET
EJ	PALLET DOMESTIC, US NAVY
EK	PALLET FLEET, US NAVY
ED	PALLET, US AIR FORCE

APP Key	MRC	Mode Code	Requirements
		EE	PALLET, US ARMY
		EF	PALLET, US MARINE CORPS
		EB	SHIPPING CONTAINER

Table 2

REPLY CODE	REPLY (AG67)
AJ	KILOGRAMS
AS	POUNDS

ALL

CZKA J PACKAGE REFERENCE NUMBER

Definition: AN ALPHA-NUMERIC CODE IDENTIFYING THE DRAWING AND/OR SPECIFICATION WHICH CONTROLS THE LOADING OF THE PACKAGE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the identifying reference. (e.g., CZKAJAB12402361*; CZKAJABDL1354/4*; CZKAJAB23614012$$JAC134260*)

REPLY CODE	REPLY (AF94)
AB	US AIR FORCE
AC	US ARMY
AD	US MARINE CORPS
AE	US NAVY

ALL

EXWT J NET EXPLOSIVE WEIGHT

Definition: THE NET WEIGHT OF THE EXPLOSIVE CONTENT OF THE ITEM FOR TRANSPORTATION AND/OR STORAGE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., EXWTJBBRAS100.0*; EXWTJBBRAJ5.5*; EXWTJBBQAS500.0$$JBBRAS300.0*)

Table 1

REPLY CODE	REPLY (AH21)
BBQ	STORAGE
BBR	TRANSPORTATION

APP Key	MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AG67)
AJ	KILOGRAMS
AS	POUNDS

ALL

QTSC A QUANTITY PER SHIPPING CONTAINER

Definition: THE NUMBER OF ITEMS PER SHIPPING CONTAINER.

Reply Instructions: Enter the quantity. (e.g., QTSCA100*)

ALL

SCQP A SHIPPING CONTAINER QUANTITY PER PALLET

Definition: THE NUMBER OF SHIPPING CONTAINER(S) PER PALLET.

Reply Instructions: Enter the applicable Identified Secondary Address Code from Appendix C , Table 2, followed by the Mode Code and the number of shipping containers. (e.g., SCQP1BA30*; SCQP1BA30$$40*)

ALL

HMCC J HAZARDOUS MATERIAL CLASSIFICATION CODE

Definition: AN ALPHA-NUMERIC CODE IDENTIFYING A GROUP OR CLASSIFICATION OF VARIOUS MATERIALS AS TO THEIR POTENTIAL TO CAUSE EXPLOSIONS, FIRES OR DAMAGE BY CHEMICAL ACTION.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the code. See Appendix C , Tables 4 thru 8 for clarification of the codes. (e.g., HMCCJAKF*; HMCCJAKI$$JAC1.4$$JAKG$$JAKS*)

REPLY CODE	REPLY (AP66)
AC	DEPARTMENT OF DEFENSE HAZARD CLASS DIVISION
AE	DEPARTMENT OF TRANSPORTATION EXEMPTION
AG	HAZARD SYMBOL
AH	INHABITED BUILDING DISTANCE

APP Key	MRC	Mode Code	Requirements
		AJ	LOADING-STOWAGE
		AK	STORAGE COMPATIBILITY GROUP

Appendix C Tables

Reply CODE	3	4	5	6	7
AC	X				
AE	No Applicable Table				
AG		X			
AH		X			
AJ		X			
AK		X			

ALL

WLBL A DOT WARNING LABEL CODE

Definition: THE WARNING LABEL CODE ASSIGNED BY THE DEPARTMENT OF TRANSPORTATION (DOT) TO EACH PACKAGE OR CONTAINMENT DEVICE OFFERED FOR TRANSPORTATION OF A HAZARDOUS MATERIAL WHICH MEETS ONE OR MORE HAZARD CLASS DEFINITIONS IN ACCORDANCE WITH TITLE 49 CODE OF FEDERAL REGULATIONS (TITLE 49 CFR), PART 172, HAZARDOUS MATERIALS TABLE.

Reply Instructions: Enter the applicable numeric or alpha-numeric labeling requirements as appears in the DOT Title 49 CFR, Part 172, Hazardous Materials Table 172.101 and referenced paragraphs. For items requiring more than one label, enter the primary label first. (e.g., WLBLA1.2E*; WLBLA1.4G$$A8*)

ALL

SHPN A DOT PROPER SHIPPING NAME

Definition: THE PROPER SHIPPING NAME AS IDENTIFIED BY THE DEPARTMENT OF TRANSPORTATION (DOT) AND LISTED IN THE TITLE 49 CODE OF FEDERAL REGULATIONS (CFR), PART 172, HAZARDOUS MATERIALS TABLE.

Reply Instructions: Enter the applicable proper shipping name as identified in Title 49 CFR, Part 172, Hazardous Materials Table 172.101 and referenced paragraphs. (e.g., SHPNAAMMUNITION, PRACTICE*; SHPNAGRENADES, PRACTICE, HAND*)

ALL

APP Key	MRC	Mode Code	Requirements
	DENN	A	DOT IDENTIFICATION NUMBER
	Definition: THE IDENTIFICATION NUMBER ASSIGNED BY THE DEPARTMENT OF TRANSPORTATION (DOT) TO EACH PROPER SHIPPING NAME. IDENTIFICATION NUMBERS PRECEDED BY THE LETTERS "UN" ARE ASSOCIATED WITH INTERNATIONAL AS WELL AS DOMESTIC TRANSPORTATION AND THOSE PRECEDED BY THE LETTERS "NA" ARE NOT RECOGNIZED FOR INTERNATIONAL TRANSPORTATION OF HAZARDOUS MATERIALS (DANGEROUS GOODS) EXCEPT TO AND FROM THE UNITED STATES AND CANADA.		
	Reply Instructions: Enter the applicable alpha-numeric Identification Number assigned to the proper shipping name as appears in the Title 49 CFR , Part 172, Hazardous Materials Table 172.101 and referenced paragraphs. (e.g., DENNAUN2818*; DENNANA1549*)		
ALL			
	HAZD	A	DOT HAZARD CLASS/DIVISION
	Definition: A DESIGNATION OF THE HAZARD CLASS OR DIVISION CORRESPONDING TO EACH PROPER SHIPPING NAME FOR HAZARDOUS MATERIAL AS IDENTIFIED BY THE DEPARTMENT OF TRANSPORTATION (DOT) AND LISTED IN THE TITLE 49 CODE OF FEDERAL REGULATIONS (CFR), PART 172, HAZARDOUS MATERIALS TABLE.		
	Reply Instructions: Enter the applicable numeric or alpha-numeric hazard classification designator or division as identified in the DOT Title 49 CFR, Part 172, Section 173, Hazardous Materials Table 172.101 and referenced paragraphs. (e.g., HAZDA1.23*; HAZDA9*)		
ALL			
	ZZZP	J	PURCHASE DESCRIPTION IDENTIFICATION
	Definition: THE CONTROLLING ACTIVITY AND IDENTIFICATION OF A DOCUMENT USED IN LIEU OF A SPECIFICATION IN THE PROCUREMENT OF AN ITEM OF SUPPLY.		
	Reply Instructions: Enter the 5-position Commercial and Government Entity (CAGE) Code, followed by a dash and the identifying number of the document.		
	(e.g., ZZZPJ81337-30624A*)		

APP Key	MRC	Mode Code	Requirements
ALL			
	ZZZV	G	FSC APPLICATION DATA
	Definition: THE JUSTIFICATION FOR THE ASSIGNMENT OF A FEDERAL SUPPLY CLASS (FSC) TO AN ITEM BASED ON THE CLASSIFICATION OF THE NEXT HIGHER CLASSIFIABLE ASSEMBLY.		
	Reply Instructions: Enter the name of the next higher classifiable assembly in clear text. (e.g., ZZZVGFUEL SYSTEM, GASOLINE ENGINE, NONAIRCRAFT*)		
ALL			
	AGAV	G	END ITEM IDENTIFICATION
	Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION INFORMATION OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.		
	Reply Instructions: Enter the applicable reply in clear text.		
	(e.g., AGAVG3930-00-000-0000*;		
	AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A*)		
ALL			
	DTRC	A	DOT REGISTRATION CODE
	Definition: AN ALPHA-NUMERIC CODE ASSIGNED BY THE DEPARTMENT OF TRANSPORTATION IDENTIFYING THE FINAL HAZARD CLASSIFICATION.		
	Reply Instructions: Enter the applicable code furnished by DOT.		
	(e.g., DTRCAEX-9005634*)		
ALL *			
	PKTY	D	UNIT PACKAGE TYPE
	Definition: INDICATES THE TYPE OF CONTAINER IN WHICH THE ITEM OF SUPPLY IS PACKAGED		
	Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., PKTYDACD*; PKTYDACD$DADD*)		

REPLY CODE	REPLY (AN65)

APP Key	MRC	Mode Code	Requirements
		ACD	BOX
		ACX	CARTON
		ADD	CASE
		ADF	DISPENSER
		AFL	PACKAGE

ALL *

NAAC A AMMUNITION CODE

Definition: A SIGNIFICANT CODE CONSISTING OF A COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS ASSIGNED TO ITEMS OF SUPPLY IN FSG 13 AND 14. IDENTICAL CODES SIGNIFY FUNCTIONALLY INTERCHANGEABLE ITEMS FOR ISSUE AND USE.

Reply Instructions: Enter the code.

(e.g., NAACA1305-AA55*)

ALL *

AWJN J UNPACKAGED UNIT WEIGHT

Definition: THE MEASURED WEIGHT OF AN ITEM UNENCUMBERED BY PACKAGING OR PACKING MATERIAL.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AWJNJAS10.500*; AWJNJBA4.7*)

REPLY CODE	REPLY (AG67)
BA	GRAMS
AJ	KILOGRAMS
AS	POUNDS

ALL *

AGUC A UNIT PACKAGE QUANTITY

Definition: THE NUMBER OF ITEMS CONTAINED IN THE UNIT PACKAGE.

Reply Instructions: Enter the quantity. (e.g., AGUCA100*)

ALL *

APP Key	MRC	Mode Code	Requirements
	AJYJ	A	PACKAGE MODEL NUMBER

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE PACKAGE

Reply Instructions: Enter the model number. (e.g., AJYJAM50*; AJYJAM50$$AM80*; AJYJAM50$AM80*)

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Reply Tables

Table 1 - COLORS

COLORS

REPLY CODE	REPLY (AD06)
AM0000	AMBER
BL0000	BLACK
BU0000	BLUE
GR0000	GREEN
RG0000	ORANGE
RE0000	RED
RE0078	RED, COMET
VL0000	VIOLET
WH0000	WHITE
YE0000	YELLOW
YE0049	YELLOW-GREEN
YE0009	YELLOW, PALE

Table 2 - MATERIALS

MATERIALS

REPLY CODE	REPLY (AD09)
ALC000	ALUMINUM
AL0000	ALUMINUM ALLOY
BR0000	BRASS
CU0000	COPPER
MG0000	MAGNESIUM
ME0000	METAL
	Molded Plastic (use Reply CODE PCCCCC)
PF0000	PAPER
PCCCCC	PLASTIC, PHENOLIC, MOULDED
ST0000	STEEL
STAK00	STEEL, TERNE PLATE
SR0000	SULFUR
SN0000	TIN
SNF000	TIN PLATED
WD0000	WOOD

Table 3 - NONDEFINITIVE SPEC/STD DATA

NONDEFINITIVE SPEC/STD DATA

REPLY CODE	REPLY (AD08)
AL	ALLOY
AN	ANNEX
AP	APPENDIX
AC	APPLICABILITY CLASS

REPLY CODE	REPLY (AD08)
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR
DW	DRAWING NUMBER
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA
GR	GRADE
GP	GROUP
BA	IMAGE COLOR
NS	INSERT
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
AA	MARKER
ML	MATERIAL
BB	MAXIMUM DENSITY
MH	MESH
ME	METHOD
BC	MINIMUM DENSITY
MD	MODEL
MT	MOUNTING
NR	NUMBER
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION

REPLY CODE	REPLY (AD08)
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE
SS	SUBCLASS
SF	SUBFORM
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL
SM	SYSTEM
TB	TABLE
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH

Reference Drawing Groups

No table of contents entries found.

Technical Data Tables

STANDARD FRACTION TO DECIMAL CONVERSION CHART

4ths	8ths	16ths	32nds	64ths	To 3	To 4	4ths	8ths	16ths	32nds	64ths	To 3	To 4
				1/64	.016	.0156					33/64	.516	.5156
			1/32	-----	.031	.0312				17/32	------	.531	.5312
				3/64	.047	.0469					35/64	.547	.5469
		1/16	-----		.062	.0625			9/16	-----	-----	.562	.5625
				5/64	.078	.0781					37/64	.578	.5781
			3/32	-----	.094	.0938				19/32	------	.594	.5938
				7/64	.109	.1094					39/64	.609	.6094
	1/8	-----	-----	-----	.125	.1250		5/8	-----	-----	-----	.625	.6250
				9/64	.141	.1406					41/64	.641	.6406
			5/32	-----	.156	.1562				21/32	------	.656	.6562
				11/64	.172	.1719					43/64	.672	.6719
		3/16	-----	-----	.188	.1875			11/16	-----	-----	.688	.6875
				13/64	.203	.2031					45/64	.703	.7031
			7/32	------	.219	.2188				23/32	------	.719	.7188
				15/64	.234	.2344					47/64	.734	.7344
1/4	-----	-----	-----	-----	.250	.2500	3/4	-----	-----	-----	-----	.750	.7500
				17/64	.266	.2656					49/64	.766	.7656
			9/32	------	.281	.2812				25/32	------	.781	.7812
				19/64	.297	.2969					51/64	.797	.7969
		5/16	-----	-----	.312	.3125			13/16	-----	-----	.812	.8125
				21/64	.328	.3281					53/64	.828	.8281
			11/32	------	.344	.3438				27/32	------	.844	.8438
				23/64	.359	.3594					55/64	.859	.8594
	3/8	-----	-----	-----	.375	.3750		7/8	-----	-----	-----	.875	.8750
				25/64	.391	.3906					57/64	.891	.8906
			13/32	------	.406	.4062				29/32	------	.906	.9062
				27/64	.422	.4219					59/64	.922	.9219
		7/16	-----	-----	.438	.4375			15/16	-----	-----	.938	.9375
				29/64	.453	.4531					61/64	.953	.9531
			15/32	------	.469	.4688				31/32	------	.969	.9688
				31/64	.484	.4844					63/64	.984	.9844
					.500	.5000						1.000	1.0000

IDENTIFIED SECONDARY ADDRESS CODING

I/SAC FIELD INDICATOR	PACKAGE TYPE
1A	SHIPPING CONTAINER
1B	AIR FORCE PALLET
1C	ARMY PALLET
1D	MARINES PALLET
1G	NAVY PALLET DOMESTIC
1H	NAVY PALLET FLEET
1F #	PALLET

HAZARD CLASSES AND DIVISIONS

CLASS 1 - EXPLOSIVES

DIVISION 1.1 - Explosives with a mass explosion hazard.

DIVISION 1.2 - Explosives with a projection hazard.

DIVISION 1.2.1 - Non-mass explosion, fragment producing. Items with a net explosive weight of more than 1.6 pounds (726 grams) per item.

DIVISION 1.2.2 - Non-mass explosion, fragment producing. Items with a net explosive weight of 1.6 pounds (726 grams) or less per item.

DIVISION 1.3 - Explosives with predominantly a fire hazard.

DIVISION 1.4 - Explosives with no significant blast hazard.

DIVISION 1.5 - Very insensitive expolsives; blasting agents.

DIVISION 1.6 - Extremely insensitive detonating articles.

CLASS 2 - GASES

DIVISION 2.1 - Flammable gases.

DIVISION 2.2 - Non-flammable, non-toxic* compressed gases.

DIVISION 2.3 - Gases toxic* by inhalation.

DIVISION 2.4 - Corrosive gases (Canada).

CLASS 3 - FLAMMABLE LIQUIDS (AND COMBUSTIBLE LIQUIDS U.S.)

CLASS 4 - FLAMMABLE SOLIDS; SPONTANEOUSLY COMBUSTIBLE MATERIALS; AND DANGEROUS WHEN WET MATERIALS

DIVISION 4.1 - Flammable solids.

DIVISION 4.2 - Spontaneously combustible materials.

DIVISION 4.3 - Dangerous when wet materials.

CLASS 5 - OXIDIZIERS AND ORGANIC PEROXIDES

DIVISION 5.1	- Oxidizers.
DIVISION 5.2	- Organic Peroxides.
CLASS 6 - TOXIC* MATERIALS AND INFECTIOUS SUBSTANCES	
DIVISION 6.1	- Toxic* materials.
DIVISION 6.2	- Infectious substances.
CLASS 7 - RADIOACTIVE MATERIALS	
CLASS 8 - CORROSIVE MATERIALS	
CLASS 9 - MISCELLANEOUS DANGEROUS GOODS	
DIVISION 9.1	- Miscellaneous dangerous goods (Canada).
DIVISION 9.2	- Environmentally hazardous substances (Canada).
DIVISION 9.3	- Dangerous wastes (Canada).

* The words "poison" or "poisonous" are synonymous with the word "toxic".

STORAGE COMPATIBILITY GROUP CODES

GROUP	EXPLANATION
A	Substances which are expected to mass detonate very soon after fire reaches them.
B	Articles which are expected to mass detonate very soon after fire reaches them.
C	Substances or articles which may be readily ignited and burn violently without necessarily exploding.
D	Substances or articles which may mass detonate (with blast and/or fragment hazard) when exposed to fire.
E, F	Articles which may mass detonate in a fire.
G	Substances and articles which may mass explode and give off smoke or toxic gases.
H	Articles which in a fire may eject hazardous projectiles and dense white smoke.
J	Articles which may mass explode.
K	Articles which in a fire may eject hazardous projectiles and toxic gases.
L	Substances and articles which present a special risk and could be activated by exposure to air or water.
N	Articles which contain only extremely insensitive detonating substances and demonstrate a negligible probability of accidental ignition or propagation.
S	Packaged substances or articles which, if accidentally initiated, produce effects that are ususally confined to the immediate vicinity.

LOADING AND STOWAGE CHART FOR TRANSPORTATION OF EXPLOSIVES AND OTHER HAZARDOUS MATERIALS

NOTES a. Unless loaded on separate nonadjacent 463L aircraft pallets, acids, or other corrosive liquids must not be loaded with flammable solids, oxidizers, ammunition for cannot with/without projectiles or propellant explosives. b. Explosives Class A, and explosives class B must not be

loaded or stored with chemical ammunition containing incendiary charges or white phosphorous either with or without bursting charges. c. Does not include nitrocarbonitrate, or ammonium nitrate, fertilizer grade, which may be loaded and transported with high explosives or with bursting caps, electric blasting caps and detonating primers. d. Missile Class III cargo shall not be loaded on the same aircraft with any other hazardous materials. e. Normal uranium, depleted uranium, and thorium metal in solid form may also be loaded and transported with articles names on vertical and horizontal columns 1, 2, 3, 4, 5, 6, and 7. f. Charged electric storage batteries must not be loaded in the same aircraft with any Class A explosive. g. Cyanides or Cyanide mixtures must not be loaded or stored with corrosive materials. h. Gas identification sets may be loaded and transported with all articles named except those in column 3. i. Nitric acid, when loaded in the same aircraft with acids or other corrosive material in carboys, must be separated from the other carboys. j. Other hazardous articles, exempt from labeling requirements of this manual, may be loaded and transported with all other articles except as provided in notes a and f through i above. k. When material has not been drained and purged and fuel is in the system, it will be loaded and transported as a flammable liquid, L/S Group 18.

Class A Explosives	Class B Explosives	Class C Explosives																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Other Hazardous Articles																		
		18	19	20	21	22	23	24	25	26	27	28						

L/S GROUP	CLASS A EXPLOSIVES
1	Low explosives or black powder.
2	High explosives or propellant explosives, Class A.
3	Initiating or priming explosives, wet: Diazodinitrophenol, fulminate of mercury

Class A Explosives	Class B Explosives	Class C Explosives																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Other Hazardous Articles																		
		18	19	20	21	22	23	24	25	26	27	28						
	guanyl nitrosamino guanylidene hydrazine, lead azide, lead styphnate, nitro mannite, nitrosoguanidine, pentaerythrite tetranitrate, terazene.																	
4	Blasting caps-over 1,000, with or without safety fuze, (including electric blasting caps) detonating primers.																	
5	Ammunition for cannon with explosive projectiles, gas projectiles, smoke projectiles, incendiary projectiles, illuminating projectiles, or shell, ammunition for																	

Class A Explosives	Class B Explosives	Class C Explosives																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Other Hazardous Articles																		
		18	19	20	21	22	23	24	25	26	27	28						
	small arms with explosive bullets, or ammunition for small arms with explosive projectiles or rocket ammunition with explosive projectiles, gas projectiles, smoke projectiles, incendiary projectiles, illuminating projectiles b, booster or bursters. b																	
6	Explosive projectiles, bombs, torpedoes, or mines; rifle or hand grenades (explosive); jet thrust units (JATO), explosive, Class A, or igniters; jet thrust																	

Class A Explosives	Class B Explosives	Class C Explosives																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Other Hazardous Articles																		
		18	19	20	21	22	23	24	25	26	27	28						
	(JATO), explosive, Class Ab; rocket motors, Class A; igniters, rocket motor, Class A. b																	
7	Detonating fuzes, Class A, with or without radioactive components.																	
L/S GROUP	CLASS B EXPLOSIVES																	
8	Ammunition for cannon with empty, inert-loaded or solid projectiles; or without projectiles; or rocket ammunition with empty projectiles; inert-loaded or solid projectiles or without projectiles.																	

Class A Explosives	Class B Explosives	Class C Explosives																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Other Hazardous Articles																		
		18	19	20	21	22	23	24	25	26	27	28						
9	Propellant explosives, Class B; rocket engines (liquid), Class B; rocket motor, Class B; igniter, rocket motor, Class B; jet thrust units (JATO), Class B; igniters, jet thrust (JATO) Class B; starter cartridges, jet engines, Class B; igniter, ramjet engines; or explosive power devices, Class B.																	
10	Fireworks, special, or railway torpedoes.																	
L/S GROUP	CLASS C EXPLOSIVES																	
11	Small arms ammunition.																	
12	Primers for																	

Class A Explosives	Class B Explosives	Class C Explosives																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Other Hazardous Articles		18	19	20	21	22	23	24	25	26	27	28						
	cannon or small arms; empty cartridge bags black powder igniters; empty cartridge cases, primed; empty grenades primed; combination primers; percussion caps; toy caps; explosive cable cutters; explosive power devices; explosive rivets; starter cartridge, jet engine, Class C; actuating cartridges.																	
13	Percussion fuzes, tracer fuzes or tracers.																	
14	Time combination or detonating fuzes, Class C.																	
15	Cordeau detonant fuze, safety squibs,																	

Class A Explosives	Class B Explosives	Class C Explosives															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Other Hazardous Articles																		
		18	19	20	21	22	23	24	25	26	27	28						
	fuze lighters, fuze igniters, delay electric igniters, electric squibs, instantaneous fuze, or igniter cord.																	
16	Fireworks, common; flares; or signals.																	
17	Blasting caps-1,000 or less, with or without safety fuze (including electric blasting caps).																	
L/S GROUP	ARTICLES																	
18	Flammable liquids or compressed flammable gases.																	
19	Flammable solids or oxidizing materials.																	

Class A Explosives	Class B Explosives	Class C Explosives																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Other Hazardous Articles																		
		18	19	20	21	22	23	24	25	26	27	28						
20	Corrosive materials. a,f,i																	
21	Compressed nonflammable gases.																	
22	Poisonous gases or liquids, Class A poisons.h																	
23	Etiologic agents/biological research material.																	
24	Poisonous liquids or solids, Class B poison.g																	
25	Irritating material.																	
26	Radioactive materials. d																	
27	Engines and motors (internal combustion); aerospace ground equipment; and self-propelled vehicles.k																	
28	Materials not otherwise regulated.																	

Class A Explosives	Class B Explosives	Class C Explosives																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Other Hazardous Articles		18	19	20	21	22	23	24	25	26	27	28						
Class A	1			X							X						X	
2			X	X			X			X						X	X	
3	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	
4		X	X		X	X				X						X		
5			X	X			X			X						X	X	
6			X	X			X			X						X	X	
7		X	X		X	X				X						X		
Class B	8			X														
9			X															
10	X	X	X	X	X	X	X											
Class C	11			X														
12			X															
13			X															
14			X															
15			X															
16	X	X	X	X	X	X	X											
17		X	X		X	X												
	18	X	X	X	X	X	X	X										
HA	19	X	X	X	X	X	X	X										
AR	20	X	X	X	X	X	X	X	X	X								
OZT	21																	
TAI	22	X	X	X	X	X	X	X	X	X	X						X	X
HRC	23	X	X	X	X	X	X	X	X	X	X						X	X
EDL	24																	X
ROE	25	X	X	X	X	X	X	X										X

Class A Explosives	Class B Explosives	Class C Explosives																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Other Hazardous Articles																		
		18	19	20	21	22	23	24	25	26	27	28						
US	26	X	X	X	X	X	X	X										X
S	27			X														
	28																	
Class A	1	X	X	X		X	X		X	X								
2	X	X	X		X	X		X	X									
3	X	X	X		X	X		X	X	X								
4	X	X	X		X	X		X	X									
4	X	X	X		X	X		X	X									
6	X	X	X		X	X		X	X									
7	X	X	X		X	X		X	X									
Class B	8			X		X	X											
9			X		X	X												
10					X	X												
Class C	11																	
12																		
13																		
14																		
15																		
16					X	X												
17					X	X	X	X	X									
	18		X			X	X											
HA	19	X		X		X	X											
AR	20		X			X	X											
OZT	21																	
TAI	22	X	X	X														

Class A Explosives	Class B Explosives	Class C Explosives																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Other Hazardous Articles																		
		18	19	20	21	22	23	24	25	26	27	28						
HRC	23	X	X	X														
EDL	24																	
ROE	25																	
US	26																	
S	27																	
	28																	

The table below shows the explosives and other hazardous articles which must not be loaded or stored together. The letter X at an intersection of horizontal and vertical columns show that these articles must not be loaded or stored together, for example; Detonating Fuzes, Class A, with or without radioactive components, 7 horizontal column must not be loaded or stored with high explosives, Class A, 2 vertical column. The following codes apply to the table below.

HAZARD SYMBOL CODE

CODE	EXPLANATION
A	WEAR FULL PROTECTIVE CLOTHING, SET 1
B	WEAR FULL PROTECTIVE CLOTHING, SET 2
C	WEAR FULL PROTECTIVE CLOTHING, SET 3
D	WEAR BREATHING APPARATUS
E	APPLY NO WATER

INHABITED BUILDING DISTANCE

CODE	EXPLANATION
(00)	PROCEED WITH CAUTION
(02)	200 FEET
(04)	400 FEET
(07)	700 FEET
(08)	800 FEET
(09)	900 FEET
(12)	1200 FEET
(18)	1800 FEET
(21)	2100 FEET

FIIG Change List

FIIG Change List, Effective November 6, 2009.

ADDED AIN 68374 LAUNCHER AND CARTRIDGE, 90 MILLIMETER.

Remove Note "FOR ITEMS THAT DO NOT REQUIRE A RATING..." for MRC ASJW in Section F and for MRC ELEC in Section G.